

SEQUENCE LISTING

<110> VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL

<120> NUCLEIC ACID BINDING OF MULTI-ZINC FINGER TRANSCRIPTION FACTORS

<130> JAR/SIP/V042

<140> PCT/EP00/05582

<141> 2000-06-09

<150> 99202068.5

<151> 1999-06-25

<160> 50

<170> PatentIn Ver. 2.1

<210> 1

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: part of bait
for screening

<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 1

cacctncacc t

11

<210> 2

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: part of bait
for screening

<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 2

cacctnaggt g

11

<210> 3

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: part of bait for screening

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<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 3

aggtgncacc t

11

<210> 4

<211> 11

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: part of bait
for screening

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<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 4
aggtgnaggt g 11

<210> 5
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<212> DNA
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<223> Description of Artificial Sequence: bipartite element

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<400> 5
cacctncacc tg 12

<210> 6
<211> 25
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: complex
consensus sequence

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<222> (16)
<223> n is a spacer sequence of at the most 28 base pairs

<400> 6
gacaagataa gataanctca tcttc 25

<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer SIP1\NZF3Mut

<400> 7

ccacctgaaa gaatccctga gaattcacag

30

<210> 8

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer SIP1
NZF4Mut

<400> 8

gggtcctaca gtcatctat cagcagcaag

30

<210> 9

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer SIP1 CZF2Mut

<400> 9

caccacctta tcgagtcctc gaggctgcac

30

<210> 10

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer SIP1
CZF3Mut

<400> 10

tcctactcgc agtccatgaa tcacaggtac

30

<210> 11
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-WT

<400> 11
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<210> 12
<211> 50
<212> DNA
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<400> 12
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<210> 13
<211> 23
<212> DNA
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<400> 13
taaagtgacc aggtgtcagt tct 23

<210> 14
<211> 27
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<223> Description of Artificial Sequence: probe Xbra-F

<400> 14
atccaggcca cctaaaatat agaatga 27

<210> 15
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<223> Description of Artificial Sequence: Rdm + Xbra-E

<400> 15
caatttagag tactgtgtac ttgggagtaa agtgaccagg tgtcagttct 50

<210> 16
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-F + AREB6

<400> 16
atccaggcca cctaaaatat agaatgaggc tcagacaggt gtagaattcg gcg 53

<210> 17
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Rdm + AREB6

<400> 17
caatttagag tactgtgtac ttgggagggc tcagacaggt gtagaattcg gcg 53

<210> 18
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-J

<400> 18

gcacaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 19

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-K

<400> 19

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<210> 20

<211> 50

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-L

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<210> 21

<211> 50

<212> DNA

<213> Artificial Sequence

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<210> 22

<211> 50

<212> DNA
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<210> 23
<211> 50
<212> DNA
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<400> 23
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<210> 24
<211> 50
<212> DNA
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<400> 24
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<210> 25
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-Q

<400> 25
atccaggcca cctaaaatat atcctgataa agtgaccagg tgtcagttct 50

<210> 26
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-R

<400> 26
atccaggcca cctaaaatat agaagtctaa agtgaccagg tgtcagttct 50

<210> 27
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-S

<400> 27
atccaggcca tctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 28
<211> 50
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-Z

<400> 28
atccaggcca cctaaaatat agaatgataa agtgactagg tgtcagttct 50

<210> 29
<211> 47
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-B

<400> 29
 atccaggcca cctatataga atgataaagt gaccaggtgt cagttct 47

 <210> 30
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 <223> Description of Artificial Sequence: probe Xbra-C

 <400> 30
 atccaggcca cctaaaatat agaatgatgt gaccaggtgt cagttct 47

 <210> 31
 <211> 40
 <212> DNA
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 <400> 31
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 <210> 32
 <211> 46
 <212> DNA
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 <223> Description of Artificial Sequence: probe Xbra-EE

 <400> 32
 taaagtgacc aggtgtcagt tcttaaagtg accaggtgtc agttct 46

 <210> 33
 <211> 46
 <212> DNA
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 <223> Description of Artificial Sequence: probe Xbra-ErE

<400> 33
 agaactgaca cctgggtcact ttataaagtg accaggtgtc agttct 46

<210> 34
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: probe Xbra-FrF

<400> 34
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<210> 35
 <211> 50
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: probe Xbra-V

<400> 35
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<210> 36
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: probe Xbra-W

<400> 36
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<210> 37

<211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: probe alfa4I-WT (alfa-4-integrin)

 <400> 37
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 <210> 38
 <211> 60
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: probe alfa4I-A (alfa-4-integrin)

 <400> 38
 gcagggcaca cctggattgc attagaatga gactcactac ccagttcaga tgtgttgcgt 60

 <210> 39
 <211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: probe alfa4I-B
 (alfa-4-integrin)

 <400> 39
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 <210> 40
 <211> 70
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: probe Ecad-WT

<400> 40
tggccggcag gtgaaccctc agccaatcag cggtagggg ggcggtgctc cggggctcac 60
ctggctgcag 70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-A

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ctggctgcag 70

<210> 42
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-B

<400> 42
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ctggctgcag 70

<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR-primer

<400> 43
acaaaagaac tcagccaagt g 21

<210> 44
<211> 18

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: PCR-primer

 <400> 44
 ccgcaagctc acaggtgc 18

 <210> 45
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: forward primer E-box1

 <400> 45
 gctgtggccg gcagatgaac cctcag 26

 <210> 46
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: reverse primer E-box1

 <400> 46
 ctgagggttc atctgccggc cacagc 26

 <210> 47
 <211> 24
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: forward primer
 E-box3

 <400> 47

gctccgggct catctggctg cagc	24
<210> 48	
<211> 25	
<212> DNA	
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<223> Description of Artificial Sequence: reverse primer E-box3	
<400> 48	
gctgcagcca gatgagcccc ggagc	25
<210> 49	
<211> 27	
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<400> 49	
cttcagcag ccctacgayc argcnca	27
<210> 50	
<211> 28	
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<223> Description of Artificial Sequence: degenerated primer	
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gggtgtggga ccggatrtgc atyttnat	28